

AUTOMATED KEYBOARD MOUSE SWITCH

ABSTRACT OF THE DISCLOSURE

5 A single set of input devices (keyboard, mouse, etc.)
is employed with a plurality of data processing systems each
having a separate display. The logical display areas for
the displays are arranged in a contiguous array to have
common boundaries, with an edge (e.g., a right boundary or a
10 lower boundary) of one logical display area coinciding with
an edge of another logical display area (e.g., a left
boundary or an upper boundary). When a cursor controlled by
a pointing device is moved past a logical display area
boundary which the current active data processing system
shares in common with another data processing system, the
active data processing system to which input device signals
are transmitted is automatically switched to the other data
processing system. No manual switching or hot-key sequence
by the user is required, and the active data processing
20 system may be automatically switch among any of a number of
data processing systems simply by moving the cursor across
logical display area boundaries between the data processing
systems.